

Title (en)
PROCESS FOR THE SELECTIVE CHLORINATION OF PHENOLIC COMPOUNDS

Publication
EP 0196260 B1 19910821 (FR)

Application
EP 86420056 A 19860220

Priority
FR 8503802 A 19850312

Abstract (en)
[origin: EP0196260A1] Selective chlorination in an ortho position relative to the OH functional group of phenolic compounds in a solvent medium, using gaseous chlorine. More particularly, selective chlorination of 2-chlorophenol, 4-chlorophenol and 2,4-dichlorophenol or their mixtures with each other and with other chlorophenols, of pyrocatechol, resorcinol, guaiacol, 4-methoxyphenol, 2-ethoxyphenol, 4-ethoxyphenol, 2-hydroxybenzaldehyde and 4-hydroxybenzaldehyde in a chlorinated hydrocarbon and in the presence of an amine. The process provides especially more flexibility in the chlorination of phenol, since it makes it possible to prepare only a single desired isomer instead of a mixture of isomers which are difficult to separate. It also permits the separation of two isomeric chlorophenols by selective chlorination of only one of them.

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IPC 8 full level
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C-Set (source: EP)
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2. **C07C 37/62** + **C07C 39/32**
3. **C07C 41/22** + **C07C 43/23**

Citation (examination)
Jerry March, Advanced Organic Chemistry, p. 246-248

Cited by
JPS63238025A; US4885408A; US4876396A; EP0299892A1; FR2618146A1; US5707947A; US4954662A; US5149858A; US5026926A; US7906677B2; EP0283411B1

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